

G50 PCR PURIFICATION

1. With sterile 1000 ul pipette tip, suck up the equivalent of 45 ul of G50 resin and place either into the individual spin columns (Millipore #UFC30HV25) or 96 well plate (Milipore #MAHVN4550) that have the 0.45 uM filter pore size.
2. Add 300ul of HPLC water to each and hydrate 2-3 hours or overnight at room temperature in a Ziploc bag with wet paper towel. Long storage is at 4 C.
3. Bring to room temperature when ready to use. Spin columns for 3 minutes at 14,000 to remove most of the water; spin plates at 2,300 for 5 minutes.
4. Place a sterile receiving tube or plate underneath either the column or plate. Add 20 ul of Exosapped product or plasmid to the center of the dried, packed resin.
5. Spin for 1-2 minutes at 14,000 for columns, 5 minutes at 2,300 for 96 well plates.
6. Use product immediately for restriction enzyme digests, sequencing, etc. or store at -20 C.
7. Your DNA is now desalted.

Millipore Columns

Mfr #: UFC30HV25

Description: Ultra free spin columns

Size: 25/pk

Price: \$39.52

G50 POWDER-Sigma

Mfr #: S5897

Description: Sephadex G50 fine

Size: 25g

Price: \$60.47